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ABSTRACT

The report presents data on the placement status of 1997-98 vocational program graduates of Miami-Dade Community College (M-DCC) (Florida) one year after graduation. For this report, state-defined criteria for positive placement status include relatedness of employment to program on training, continuing higher education, and serving in the military. Placement rate results reveal program viability when taken in the context of trend data and actual (in-program) enrollments over a period of years. There were 2,004 graduates from 73 active vocational programs. Overall, the successful placement rate for graduates of these programs was 95%. There were 1,152 graduates from Associate in Science programs, 781 awards from Vocational Certificate programs, and 71 awards from College Credit Certificate programs. Of the graduates found, there were 27 programs with 100% of graduates placed. Thirty programs had an 80%-99% placement rate and 4 programs had a placement rate of 75%. Two Vocational Certificate programs, Electronic Technology and Bail Bonding, had lower placement rates, 70% and 65% respectively. Of all vocational programs, the Nursing program has consistently produced the largest number of graduates. The School of Nursing, along with the School of Criminal Justice, has the highest placement rate (98%). (JA)

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MIAMI-DADE COMMUNITY COLLEGE - INSTITUTIONAL RESEARCH

INFORMATION CAPSULE

ED 447 868

I.C. No. 2000-12C

September 2000

Program Performance:
Placement Status of 1997-98 Graduates of Vocational Programs

Summary

This capsule presents data on the placement status of 1997-98 vocational program graduates one year after graduation. There were 2,004 graduates from 73 active vocational programs. Overall, the successful placement rate for graduates of these programs was 95%. There were 1,152 graduates from Associate in Science programs, 781 awards from Vocational Certificate programs, and 71 awards from College Credit Certificate programs. M-DCC vocational programs are structured into nine schools, with an additional group of seven programs not attached to any school. Schools having the highest number of graduates in 1997-98 are: School of Criminal Justice (510 graduates and 98% successfully placed), School of Allied Health (406 graduates and 93% placed), School of Nursing (379 graduates and 98% placed), and School of Business Computer Information System (303 graduates and 94% placed). Ten programs had zero placements and, with few exceptions, had zero or low enrollments historically. Twenty-four vocational programs were deactivated (retired) in the recent past.

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Introduction and Purpose

The group studied consists of 1997-98 graduates tracked for one year after program completion at Miami-Dade Community College. For this report, state defined criteria for positive placement status include: 1) relatedness of employment to program on training, 2) continuing higher education, and 3) serving in the military. Placement rate results reveal program viability when taken in context of trend data and actual (in-program) enrollments over a period of years. Placement and follow-up data processed by the State using numerous State of Florida databases were supplemented with data supplied by M-DCC directors of vocational schools. Placement rates reflect only graduates who could be located.

Results

Table 1 displays the alphabetical listing of all vocational programs that were still active when this capsule was written. There are 47 Associate in Science programs, 25 Vocational Certificate programs, and 1 College Credit Certificate program for a total of 73 vocational programs. Columns show number of graduates for each program along with the placement status of graduates found. Nearly 9% of graduates could not be found (unknown status). An unknown status designation could be due to a number of factors: 1) Departed from the United States, 2) Non-resident alien immigration status, 3) Unemployed, 4) Name changed, 5) Invalid social security number, 6) Lack of social security number, 7) Attending an institution outside of the State of Florida tracking parameters, 8) Not found on the State's labor files, or 9) Undeterminable job relationship to training. In fairness to the Florida community colleges, the State allows graduates whose status is unknown to be deleted from success rate calculations. However, graduates whose status is unknown impact colleges negatively in performance based funding where job placements count for funding credit.

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The formula applied here when calculating placement rates is:

$$\text{Placement Rate} = \frac{\text{Placed (In-field Job, Continuing Educ, Military Service)}}{\text{Placement Pool (Unknown Status Grad Deleted)}}$$

Placement results, when viewed with the considerations outlined above, give a more balanced perspective of program performance.

Of the 2,004 vocational graduates from 73 active vocational programs, 91% or 1,830 graduates were found. More than 8.5% of vocational graduates were continuing their education and 86.3% were in jobs related to their field of training. Overall, the positive placement rate for M-DCC vocational programs was 95%. Supplemental data supplied by directors of schools and faculty are already counted in the three allowable placement rate categories and are shown here in a separate column.

Table 2 sorts vocational programs by the percent placed. Of the graduates found, there were 27 programs with 100% of graduates placed. Thirty programs had an 80%-99% placement rate and four programs had a placement rate of 75%. Two Vocational Certificate programs, Electronic Technology and Bail Bonding, had lower placement rates of 70% and 65%, respectively. Sixty-two of the 73 programs had placement rates of at least 70%, most considerably higher. Ten programs had zero percent placed due almost entirely to low enrollments and zero graduations; six of these are Vocational Certificate programs (Commercial Art, Computer Programming, Criminal Justice Assisting, Mechanical Drafting, Real Estate Marketing, and Television Production) and four are Associate in Science Programs (Environmental Science Technology, Hospitality Management, Industrial Management Technology, and Theatre and Entertainment Technology).

Table 3 shows vocational program performance organized by school and award type. Schools are generally displayed in alphabetical order. There are nine schools in addition to a category for programs not attached to schools and still another for retired programs. Overall, there were 1,152 Associate in Science graduates and of those located, 95% were successful placed. Vocational Certificate awards numbered 781 and 95% of these students were also successfully placed. Of the 71 students who were awarded College Credit Certificates, 100% of those located were successfully placed. Although continuing higher education is not the focus of vocational programs, 8.5% chose to do so.

The School of Allied Health, (second largest school for number of graduates), had 406 graduates and a placement rate of 93%. More than 71% of the graduates in this school are from its Associate in Science component. The School of Allied Health has 15 active programs and all three vocational award types. Every program in this school produced graduates and its Paramedic program graduated the largest number of students (71), followed by the Dental Hygiene and Physical Therapist Assisting programs with 50 and 49 graduates, respectively.

The School of Nursing includes the Nursing, Midwifery, and Medical Assisting programs. There were 379 graduates altogether, making this the third largest school for number of graduates. Of all vocational programs, the Nursing program has consistently produced the largest number of graduates. The School of Nursing is one of two schools with the highest placement rate (98%).

The School of Aviation & Visitor Services has five programs and graduated a total of 47 students with a total placement rate of 95%. Over its history, the Hospitality Management program has eroded in number of students graduating, and in 1997-98 had zero graduates. The graduates of the Travel Industry Management program have historically been difficult to locate and nearly a quarter of them could not be found in the latest tracking period.

The School of Business & Computer Information Systems has six Associate in Science programs and eight Vocational Certificate programs. There were 121 A.S. graduates and 182 V.C. graduates in 1997-98 for a total of 303 graduates. As a whole, placement rates were in the mid-nineties for both award types. About one out of four graduates from these V.C. programs could not be located. Two V.C. programs with 0% placements were (Business) Computer Programming (2 graduates) and Real Estate Marketing (0 graduates). Real Estate Marketing has a history of no graduates and low enrollments (Baldwin, 1999). Data on fundable outcomes for 1998-99 show zero Occupational Completion Points for (Business) Computer Programming and two OCP's for Real Estate Marketing (Morris, 2000).

The School of Criminal Justice has one Associate in Science program and four Vocational Certificate programs. This school, along with the School of Nursing, had the highest placement rate (98%). This school shares another commonality with the School of Nursing in having the highest percentage of graduates who were found (97% and 95% respectively). There were 510 criminal justice graduates. Programs issuing the highest number of awards were Correctional Officer (236 awards) and Law Enforcement (250 awards). The Criminal Justice Assisting program produced zero graduates while the Private Security Guard program produced five graduates. More recent 1998-99 fundable outcomes data showed zero OCP's for Criminal Justice Assisting and 31 OCP's for the Private Security Guard program (Morris, 2000).

In the School of Design Technology, there are 11 Associate in Science programs and 4 Vocational Certificate programs. This school graduated 106 students and had a 95% placement rate. Electronics Engineering Technology and its V.C. counterpart, Electronic Technology, graduated the most students, 56 and 10 respectively. All other programs produced few or zero graduates and these programs have been in existence since the early 1990's.

The School of Education is a one-program school. There were 64 graduates from the Child Development & Education program and 84% of them were placed. Thirty-four percent of the graduates who were found in this A.S. program were continuing their education. This is the highest percent and absolute number of graduates furthering their studies in higher education of any vocational program.

The School of Entertainment Technology has three A.S. programs and one V.C. program. Twenty-one graduates received Associate in Science degrees and these graduates were in Film Production Technology and Radio & TV Broadcast Programming. The combined placement rate for these two programs was 89%. Theatre and Entertainment Technology, started in 1996-1, has had no graduates yet. Television Production, a V.C. program, produced zero graduates in 1997-98 and has had only one graduate since the program began in Fall Term 1990 (Baldwin, 1999).

The ninth and last school is the School of Fire & Environmental Sciences. There are four programs in this school. The A.S. Fire Science Technology and the V.C. Fire Fighting programs produced 28 of the 30 graduates in this school. The placement rate was 96%.

The group of unaffiliated programs called "Programs Not Attached to Schools" has five Associate in Science programs and two Vocational Certificate programs. The A.S. programs are Dietetic Technician, Funeral Services, Interpreter Training for the Hearing Impaired, Legal Assisting, and Photographic Technology. There were 138 graduates in this group and the placement rate was 85%. The Legal Assisting program had 61 graduates and 92% placed. Funeral Services graduated 22 students and of those found, 75% were employed in their field of training. Bail Bonding, a V.C. program, had 26 graduates and attained a placement rate of 65% from the 23 graduates found; this is the lowest non-zero placement rate for the 1997-98 vocational graduates.

There were 24 programs retired or deactivated during 1997-98. Six of these are Associate in Science programs, 1 College Credit Certificate, and 17 Vocational Certificate programs. With the exception of Word Processing (15 graduates) and Data Entry (9 graduates), all of these recently retired programs had few or no graduates. There was a total of 45 graduates and of the 73% found, 91% were successfully placed.

References

Baldwin, A. (1999). Performance review: Postsecondary adult vocational programs - Report years 1989-90 through 1997-98 (Research Report No. 99-05R). Miami, FL: Miami-Dade Community College, Office of Institutional Research.

Morris, C. (2000). Fundable outcomes for workforce development (Information Capsule I.C. No. 2000-04C). Miami, FL: Miami-Dade Community College, Office of Institutional Research.

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Table 1
Program Performance:
Associate in Science and Vocational Certificate Programs
Placement Status of 1997-98 Graduates

			Placement							
Program Title	Type	Grads	Known Status	Percent Known	Related	Not Related	Cont. Ed.	(Suppl)	Total Placed	Percent Placed
Accounting Operations	VC	45	35	78%	26	2	7	(0)	33	94%
Accounting Technology	AS	3	2	67%	2	0	0	(0)	2	100%
Air Conditioning, Refrig. & Heating Tech	AS	2	1	50%	1	0	0	(0)	1	100%
Architectural Design/Construction Tech	AS	2	2	100%	1	0	1	(0)	2	100%
Architectural Drafting	VC	2	1	50%	0	0	1	(0)	1	100%
Automotive Service Management Tech	AS	5	4	80%	2	0	2	(0)	4	100%
Aviation Administration	AS	7	7	100%	7	0	0	(0)	7	100%
Aviation Maintenance Management	AS	6	5	83%	5	0	0	(1)	5	100%
Bail Bonding	VC	26	23	88%	13	8	2	(1)	15	65%
Building Construction Technology	AS	6	5	83%	3	0	2	(1)	5	100%
Business Administration & Management	AS	46	37	80%	28	1	8	(1)	36	97%
Business Software Applications	VC	61	48	79%	32	4	12	(5)	44	92%
Business Supervision and Management	VC	31	25	81%	22	1	2	(1)	24	96%
Child Development & Education	AS	64	56	88%	28	9	19	(4)	47	84%
Civil Engineering Technology	AS	4	4	100%	3	0	1	(1)	4	100%
Coder/Biller Specialist	VC	16	15	94%	10	3	2	(1)	12	80%
Commercial Art Technology	VC	1	0	0%	0	0	0	(0)	0	0%
Computer Information Systems Analysis	AS	36	31	86%	28	1	2	(1)	30	97%
Computer Programming	VC	2	1	50%	0	1	0	(0)	0	0%
Correctional Officer	VC	236	224	95%	218	3	3	(0)	221	99%
Court Reporting Technology	AS	2	2	100%	2	0	0	(2)	2	100%
Criminal Justice Assisting	VC	0	0	0%	0	0	0	(0)	0	0%
Criminal Justice Technology	AS	19	17	89%	14	1	2	(0)	16	94%
Dental Hygiene	AS	50	50	100%	36	8	6	(3)	42	84%
Diagnostic Med Sonography Specialist	AS	11	11	100%	11	0	0	(1)	11	100%
Dietetic Technician	AS	12	12	100%	8	0	4	(0)	12	100%
Drafting and Design Technology	AS	1	1	100%	1	0	0	(0)	1	100%
Elderly & Disabled Care Services	VC	6	5	83%	4	0	1	(0)	5	100%
Electronic Technology	VC	10	10	100%	5	3	2	(0)	7	70%
Electronics Engineering Technology	AS	56	51	91%	44	1	6	(5)	50	98%
Emergency Medical Services	AS	25	24	96%	23	1	0	(0)	23	96%
Environmental Science Technology	AS	0	0	0%	0	0	0	(0)	0	0%
Film Production Technology	AS	9	9	100%	3	1	5	(4)	8	89%
Financial Services	AS	7	7	100%	6	1	0	(1)	6	86%
Fire Fighting	VC	9	9	100%	8	1	0	(0)	8	89%
Fire Science Technology	AS	19	18	95%	15	0	3	(0)	18	100%
Funeral Services	AS	22	20	91%	15	5	0	(3)	15	75%
Graphic Arts Technology	AS	2	1	50%	1	0	0	(1)	1	100%
Graphic Design Technology	AS	5	4	80%	2	1	1	(0)	3	75%
Health Information Management	AS	23	22	96%	16	3	3	(1)	19	86%

Table 1 (continued)
Program Performance:
Associate in Science and Vocational Certificate Programs
Placement Status of 1997-98 Graduates

Program Title	Type	Grads	Known Status	Percent Known	Placement: Related	Not Related	Cont. Ed.	(Suppl)	Total Placed	Percent Placed
Hospitality Management	AS	0	0	0%	0	0	0	(0)	0	0%
Industrial Management Technology	AS	0	0	0%	0	0	0	(0)	0	0%
Insurance Marketing	VC	2	2	100%	1	0	1	(2)	2	100%
Interior Design Technology	AS	10	7	70%	2	0	5	(0)	7	100%
International Marketing	VC	34	22	65%	15	2	5	(0)	20	91%
Interpreter Training -Hearing Impaired	AS	5	5	100%	4	1	0	(0)	4	80%
Landscape Technology	AS	2	1	50%	0	0	1	(0)	1	100%
Law Enforcement	VC	250	249	100%	242	4	3	(2)	245	98%
Legal Assisting	AS	61	50	82%	43	4	3	(1)	46	92%
Legal Secretarial	VC	7	5	71%	5	0	0	(0)	5	100%
Mechanical Drafting	VC	0	0	0%	0	0	0	(0)	0	0%
Medical Assisting	VC	8	7	88%	4	1	2	(0)	6	86%
Medical Laboratory Technology	AS	35	32	91%	25	3	4	(2)	29	91%
Medical Record Transcribing	VC	4	4	100%	4	0	0	(0)	4	100%
Midwifery	AS	4	4	100%	3	1	0	(1)	3	75%
Nursing	AS	367	350	95%	339	6	5	(15)	344	98%
Office Systems Technology	AS	27	24	89%	20	2	2	(0)	22	92%
Paramedic	CC	71	70	99%	70	0	0	(0)	70	100%
Pharmacy Technician	VC	8	8	100%	2	1	5	(1)	7	88%
Phlebotomy Technician	VC	18	16	89%	4	4	8	(0)	12	75%
Photographic Technology	AS	6	3	50%	3	0	0	(0)	3	100%
Physical Therapist Assisting	AS	49	42	86%	40	0	2	(0)	42	100%
Private Security Guard	VC	5	5	100%	4	0	1	(0)	5	100%
Professional Pilot Technology	AS	8	7	88%	3	1	3	(3)	6	86%
Radiation Therapy Technology	AS	8	8	100%	7	0	1	(0)	8	100%
Radio & TV Broadcast Programming	AS	12	9	75%	7	1	1	(0)	8	89%
Radiography	AS	34	28	82%	25	1	2	(3)	27	96%
Real Estate Marketing	VC	0	0	0%	0	0	0	(0)	0	0%
Respiratory Care Technology	AS	19	19	100%	19	0	0	(3)	19	100%
Television Production	VC	0	0	0%	0	0	0	(0)	0	0%
Theatre and Entertainment Technology	AS	0	0	0%	0	0	0	(0)	0	0%
Travel Industry Management	AS	26	20	77%	15	1	4	(2)	19	95%
Vision Care Technology	AS	35	34	97%	30	3	1	(5)	31	91%
Total		2,004	1,830	91%	1,579	95	156	(78)	1,735	95%

Table 2
Program Performance:
Associate in Science and Vocational Certificate Programs
1997-98 Graduates by Percent Placed

			Placement							
Program Title	Type	Grads	Known Status	Percent Known	Related	Not Related	Cont. Ed.	(Suppl)	Total Placed	Percent Placed
Accounting Technology	AS	3	2	67%	2	0	0	(0)	2	100%
Air Conditioning, Refrig. & Heating Tech	AS	2	1	50%	1	0	0	(0)	1	100%
Architectural Design/Construction Tech	AS	2	2	100%	1	0	1	(0)	2	100%
Architectural Drafting	VC	2	1	50%	0	0	1	(0)	1	100%
Automotive Service Management Tech	AS	5	4	80%	2	0	2	(0)	4	100%
Aviation Administration	AS	7	7	100%	7	0	0	(0)	7	100%
Aviation Maintenance Management	AS	6	5	83%	5	0	0	(1)	5	100%
Building Construction Technology	AS	6	5	83%	3	0	2	(1)	5	100%
Civil Engineering Technology	AS	4	4	100%	3	0	1	(1)	4	100%
Court Reporting Technology	AS	2	2	100%	2	0	0	(2)	2	100%
Diagnostic Med Sonography Specialist	AS	11	11	100%	11	0	0	(1)	11	100%
Dietetic Technician	AS	12	12	100%	8	0	4	(0)	12	100%
Drafting and Design Technology	AS	1	1	100%	1	0	0	(0)	1	100%
Elderly & Disabled Care Services	VC	6	5	83%	4	0	1	(0)	5	100%
Fire Science Technology	AS	19	18	95%	15	0	3	(0)	18	100%
Graphic Arts Technology	AS	2	1	50%	1	0	0	(1)	1	100%
Insurance Marketing	VC	2	2	100%	1	0	1	(2)	2	100%
Interior Design Technology	AS	10	7	70%	2	0	5	(0)	7	100%
Landscape Technology	AS	2	1	50%	0	0	1	(0)	1	100%
Legal Secretarial	VC	7	5	71%	5	0	0	(0)	5	100%
Medical Record Transcribing	VC	4	4	100%	4	0	0	(0)	4	100%
Paramedic	CC	71	70	99%	70	0	0	(0)	70	100%
Photographic Technology	AS	6	3	50%	3	0	0	(0)	3	100%
Physical Therapist Assisting	AS	49	42	86%	40	0	2	(0)	42	100%
Private Security Guard	VC	5	5	100%	4	0	1	(0)	5	100%
Radiation Therapy Technology	AS	8	8	100%	7	0	1	(0)	8	100%
Respiratory Care Technology	AS	19	19	100%	19	0	0	(3)	19	100%
Correctional Officer	VC	236	224	95%	218	3	3	(0)	221	99%
Electronics Engineering Technology	AS	56	51	91%	44	1	6	(5)	50	98%
Law Enforcement	VC	250	249	100%	242	4	3	(2)	245	98%
Nursing	AS	367	350	95%	339	6	5	(15)	344	98%
Business Administration & Management	AS	46	37	80%	28	1	8	(1)	36	97%
Computer Information Systems Analysis	AS	36	31	86%	28	1	2	(1)	30	97%
Business Supervision and Management	VC	31	25	81%	22	1	2	(1)	24	96%
Emergency Medical Services	AS	25	24	96%	23	1	0	(0)	23	96%
Radiography	AS	34	28	82%	25	1	2	(3)	27	96%
Travel Industry Management	AS	26	20	77%	15	1	4	(2)	19	95%
Accounting Operations	VC	45	35	78%	26	2	7	(0)	33	94%
Criminal Justice Technology	AS	19	17	89%	14	1	2	(0)	16	94%
Business Software Applications	VC	61	48	79%	32	4	12	(5)	44	92%
Legal Assisting	AS	61	50	82%	43	4	3	(1)	46	92%
Office Systems Technology	AS	27	24	89%	20	2	2	(0)	22	92%

Table 2 (continued)
Program Performance:
Associate in Science and Vocational Certificate Programs
1997-98 Graduates by Percent Placed

			Placement							
Program Title	Type	Grads	Known Status	Percent Known	Related	Not Related	Cont. Ed.	(Suppl)	Total Placed	Percent Placed
International Marketing (Acad. of)	VC	34	22	65%	15	2	5	(0)	20	91%
Medical Laboratory Technology	AS	35	32	91%	25	3	4	(2)	29	91%
Vision Care Technology	AS	35	34	97%	30	3	1	(5)	31	91%
Film Production Technology	AS	9	9	100%	3	1	5	(4)	8	89%
Fire Fighting	VC	9	9	100%	8	1	0	(0)	8	89%
Radio & TV Broadcast Programming	AS	12	9	75%	7	1	1	(0)	8	89%
Pharmacy Technician	VC	8	8	100%	2	1	5	(1)	7	88%
Financial Services	AS	7	7	100%	6	1	0	(1)	6	86%
Health Information Management	AS	23	22	96%	16	3	3	(1)	19	86%
Medical Assisting	VC	8	7	88%	4	1	2	(0)	6	86%
Professional Pilot Technology	AS	8	7	88%	3	1	3	(3)	6	86%
Child Development & Education	AS	64	56	88%	28	9	19	(4)	47	84%
Dental Hygiene	AS	50	50	100%	36	8	6	(3)	42	84%
Coder/Biller Specialist	VC	16	15	94%	10	3	2	(1)	12	80%
Interpreter Training -Hearing Impaired	AS	5	5	100%	4	1	0	(0)	4	80%
Funeral Services	AS	22	20	91%	15	5	0	(3)	15	75%
Graphic Design Technology	AS	5	4	80%	2	1	1	(0)	3	75%
Midwifery	AS	4	4	100%	3	1	0	(1)	3	75%
Phlebotomy Technician	VC	18	16	89%	4	4	8	(0)	12	75%
Electronic Technology	VC	10	10	100%	5	3	2	(0)	7	70%
Bail Bonding	VC	26	23	88%	13	8	2	(1)	15	65%
Commercial Art Technology	VC	1	0	0%	0	0	0	(0)	0	0%
Computer Programming	VC	2	1	50%	0	1	0	(0)	0	0%
Criminal Justice Assisting	VC	0	0	0%	0	0	0	(0)	0	0%
Environmental Science Technology	AS	0	0	0%	0	0	0	(0)	0	0%
Hospitality Management	AS	0	0	0%	0	0	0	(0)	0	0%
Industrial Management Technology	AS	0	0	0%	0	0	0	(0)	0	0%
Mechanical Drafting	VC	0	0	0%	0	0	0	(0)	0	0%
Real Estate Marketing	VC	0	0	0%	0	0	0	(0)	0	0%
Television Production	VC	0	0	0%	0	0	0	(0)	0	0%
Theatre and Entertainment Technology	AS	0	0	0%	0	0	0	(0)	0	0%
Total		**2,004**	**1,830**	**91%**	**1,579**	**95**	**156**	**(78)**	**1,735**	**95%**

Table 3

Vocational Program Performance by School

Placement Status of 1997-98 Graduates

Program Title	Type	Placement Grads	Known Status	Percent Known	Related	Not Related	Cont. Ed.	(Suppl)	Total Placed	Percent Placed
ALLIED HEALTH										
Dental Hygiene	AS	50	50	100%	36	8	6	(3)	42	84%
Diagnostic Med Sonography	AS	11	11	100%	11	0	0	(1)	11	100%
Emergency Medical Services	AS	25	24	96%	23	1	0	(0)	23	96%
Health Information Management	AS	23	22	96%	16	3	3	(1)	19	86%
Medical Laboratory Technology	AS	35	32	91%	25	3	4	(2)	29	91%
Physical Therapist Assisting	AS	49	42	86%	40	0	2	(0)	42	100%
Radiation Therapy Technology	AS	8	8	100%	7	0	1	(0)	8	100%
Radiography	AS	34	28	82%	25	1	2	(3)	27	96%
Respiratory Care	AS	19	19	100%	19	0	0	(3)	19	100%
Vision Care Technology	AS	35	34	97%	30	3	1	(5)	31	91%
A.S. Total		***289***	***270***	***93%***	***232***	***19***	***19***	***(18)***	***251***	***93%***
Paramedic	CC	71	70	99%	70	0	0	(0)	70	100%
C.C. Total		***71***	***70***	***99%***	***70***	***0***	***0***	***(0)***	***70***	***100%***
Coder/Biller Specialist	VC	16	15	94%	10	3	2	(1)	12	80%
Medical Record Transcribing	VC	4	4	100%	4	0	0	(0)	4	100%
Pharmacy Technician	VC	8	8	100%	2	1	5	(1)	7	88%
Phlebotomy Technician	VC	18	16	89%	4	4	8	(0)	12	75%
V.C. Total		***46***	***43***	***93%***	***20***	***8***	***15***	***(2)***	***35***	***81%***
SCHOOL TOTAL		**406**	**383**	**94%**	**322**	**27**	**34**	**(20)**	**356**	**93%**
NURSING										
Midwifery	AS	4	4	100%	3	1	0	(1)	3	75%
Nursing	AS	367	350	95%	339	6	5	(15)	344	98%
A.S. Total		***371***	***354***	***95%***	***342***	***7***	***5***	***(16)***	***347***	***98%***
Medical Assisting	VC	8	7	88%	4	1	2	(0)	6	86%
V.C. Total		***8***	***7***	***88%***	***4***	***1***	***2***	***(0)***	***6***	***86%***
SCHOOL TOTAL		**379**	**361**	**95%**	**346**	**8**	**7**	**(16)**	**353**	**98%**
AVIATION & VISITOR SERVICES										
Aviation Administration	AS	7	7	100%	7	0	0	(0)	7	100%
Aviation Maintenance Management	AS	6	5	83%	5	0	0	(1)	5	100%
Hospitality Management	AS	0	0	0%	0	0	0	(0)	0	0%
Professional Pilot Technology	AS	8	7	88%	3	1	3	(3)	6	86%
Travel Industry Management	AS	26	20	77%	15	1	4	(2)	19	95%
SCHOOL TOTAL		**47**	**39**	**83%**	**30**	**2**	**7**	**(6)**	**37**	**95%**
BUSINESS & COMPUTER INFORMATION SYSTEMS										
Accounting Technology	AS	3	2	67%	2	0	0	(0)	2	100%
Business Administration & Management	AS	46	37	80%	28	1	8	(1)	36	97%
Computer Info Systems Analysis	AS	36	31	86%	28	1	2	(1)	30	97%
Court Reporting Technology	AS	2	2	100%	2	0	0	(2)	2	100%
Financial Services	AS	7	7	100%	6	1	0	(1)	6	86%
Office Systems Technology	AS	27	24	89%	20	2	2	(0)	22	92%
A.S. Total		***121***	***103***	***85%***	***86***	***5***	***12***	***(5)***	***98***	***95%***
Accounting Operations	VC	45	35	78%	26	2	7	(0)	33	94%
Business Software Applications	VC	61	48	79%	32	4	12	(5)	44	92%
Business Supervision & Management	VC	31	25	81%	22	1	2	(1)	24	96%
Computer Programming	VC	2	1	50%	0	1	0	(0)	0	0%
Insurance Marketing	VC	2	2	100%	1	0	1	(2)	2	100%
International Marketing	VC	34	22	65%	15	2	5	(0)	20	91%
Legal Secretarial	VC	7	5	71%	5	0	0	(0)	5	100%
Real Estate Marketing	VC	0	0	0%	0	0	0	(0)	0	0%
V.C. Total		***182***	***138***	***76%***	***101***	***10***	***27***	***(8)***	***128***	***93%***
SCHOOL TOTAL		**303**	**241**	**80%**	**187**	**15**	**39**	**(13)**	**226**	**94%**

Table 3 (continued)

Vocational Program Performance by School

Placement Status of 1997-98 Graduates

Program Title	Type	Placement: Grads	Known Status	Percent Known	Related	Not Related	Cont. Ed.	(Suppl)	Total Placed	Percent Placed
CRIMINAL JUSTICE										
Criminal Justice Technology	AS	19	17	89%	14	1	2	(0)	16	94%
A.S. Total		***19***	***17***	***89%***	***14***	***1***	***2***	***(0)***	***16***	***94%***
Correctional Officer	VC	236	224	95%	218	3	3	(0)	221	99%
Criminal Justice Assisting	VC	0	0	0%	0	0	0	(0)	0	0%
Law Enforcement	VC	250	249	100%	242	4	3	(2)	245	98%
Private Security Guard	VC	5	5	100%	4	0	1	(0)	5	100%
V.C. Total		***491***	***478***	***97%***	***464***	***7***	***7***	***(2)***	***471***	***99%***
SCHOOL TOTAL		**510**	**495**	**97%**	**478**	**8**	**9**	**(2)**	**487**	**98%**
DESIGN TECHNOLOGY										
Air Conditioning, Refrig. & Heating Tech	AS	2	1	50%	1	0	0	(0)	1	100%
Architectural Design/Construction Tech	AS	2	2	100%	1	0	1	(0)	2	100%
Automotive Service Management Tech	AS	5	4	80%	2	0	2	(0)	4	100%
Building Construction Technology	AS	6	5	83%	3	0	2	(1)	5	100%
Civil Engineering Technology	AS	4	4	100%	3	0	1	(1)	4	100%
Drafting and Design Technology	AS	1	1	100%	1	0	0	(0)	1	100%
Electronics Engineering Technology	AS	56	51	91%	44	1	6	(5)	50	98%
Graphic Arts Technology	AS	2	1	50%	1	0	0	(1)	1	100%
Graphic Design Technology	AS	5	4	80%	2	1	1	(0)	3	75%
Industrial Management Technology	AS	0	0	0%	0	0	0	(0)	0	0%
Interior Design Technology	AS	10	7	70%	2	0	5	(0)	7	100%
A.S. Total		***93***	***80***	***86%***	***60***	***2***	***18***	***(8)***	***78***	***98%***
Architectural Drafting	VC	2	1	50%	0	0	1	(0)	1	100%
Commercial Art Technology	VC	1	0	0%	0	0	0	(0)	0	0%
Electronic Technology	VC	10	10	100%	5	3	2	(0)	7	70%
Mechanical Drafting	VC	0	0	0%	0	0	0	(0)	0	0%
V.C. Total		***13***	***11***	***85%***	***5***	***3***	***3***	***(0)***	***8***	***73%***
SCHOOL TOTAL		**106**	**91**	**86%**	**65**	**5**	**21**	**(8)**	**86**	**95%**
EDUCATION										
Child Development & Education	AS	64	56	88%	28	9	19	(4)	47	84%
SCHOOL TOTAL		**64**	**56**	**88%**	**28**	**9**	**19**	**(4)**	**47**	**84%**
ENTERTAINMENT TECHNOLOGY										
Film Production Technology	AS	9	9	100%	3	1	5	(4)	8	89%
Radio & TV Broadcast Programming	AS	12	9	75%	7	1	1	(0)	8	89%
Theatre and Entertainment Technology	AS	0	0	0%	0	0	0	(0)	0	0%
A.S. Total		***21***	***18***	***86%***	***10***	***2***	***6***	***(4)***	***16***	***89%***
Television Production	VC	0	0	0%	0	0	0	(0)	0	0%
V.C. Total		***0***	***0***	***0%***	***0***	***0***	***0***	***(0)***	***0***	***0%***
SCHOOL TOTAL		**21**	**18**	**86%**	**10**	**2**	**6**	**(4)**	**16**	**89%**
FIRE & ENVIRONMENTAL SCIENCES										
Environmental Science Technology	AS	0	0	0%	0	0	0	(0)	0	0%
Fire Science Technology	AS	19	18	95%	15	0	3	(0)	18	100%
Landscape Technology	AS	2	1	50%	0	0	1	(0)	1	100%
A.S. Total		***21***	***19***	***90%***	***15***	***0***	***4***	***(0)***	***19***	***100%***
Fire Fighting	VC	9	9	100%	8	1	0	(0)	8	89%
V.C. Total		***9***	***9***	***100%***	***8***	***1***	***0***	***(0)***	***8***	***89%***
SCHOOL TOTAL		**30**	**28**	**93%**	**23**	**1**	**4**	**(0)**	**27**	**96%**

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Table 3 (continued)

Vocational Program Performance by School

Placement Status of 1997-98 Graduates

Program Title	Type	Placement							Total Placed	Percent Placed
		Grads	Known Status	Percent Known	Related	Unrel.	Cont. Ed.	(Suppl)		
PROGRAMS NOT ATTACHED TO SCHOOLS										
Dietetic Technician	AS	12	12	100%	8	0	4	(0)	12	100%
Funeral Services	AS	22	20	91%	15	5	0	(3)	15	75%
Interpreter Trng -Hearing Impaired	AS	5	5	100%	4	1	0	(0)	4	80%
Legal Assisting	AS	61	50	82%	43	4	3	(1)	46	92%
Photographic Technology	AS	6	3	50%	3	0	0	(0)	3	100%
A.S. Total		***106***	***90***	***85%***	***73***	***10***	***7***	***(4)***	***80***	***89%***
Bail Bonding	VC	26	23	88%	13	8	2	(1)	15	65%
Elderly & Disabled Care Services	VC	6	5	83%	4	0	1	(0)	5	100%
V.C. Total		***32***	***28***	***88%***	***17***	***8***	***3***	***(1)***	***20***	***71%***
UNATTACHED TOTAL		***138***	***118***	***86%***	***90***	***18***	***10***	***(5)***	***100***	***85%***
RETIRED PROGRAMS										
Computer Integrated Manufacturing	AS	3	3	100%	1	1	1	(0)	2	67%
Dental Laboratory Technology	AS	0	0	0%	0	0	0	(0)	0	0%
Electrical Power Technology	AS	1	1	100%	1	0	0	(0)	1	100%
Fashion Marketing Management	AS	4	2	50%	2	0	0	(0)	2	100%
Health Service Management	AS	0	0	0%	0	0	0	(0)	0	0%
Land Surveying	AS	0	0	0%	0	0	0	(0)	0	0%
A.S. Total		***8***	***6***	***75%***	***4***	***1***	***1***	***(0)***	***5***	***83%***
Radiation Therapy Specialist	CC	0	0	0%	0	0	0	(0)	0	0%
C.C. Total		***0***	***0***	***0%***	***0***	***0***	***0***	***(0)***	***0***	***0%***
Bookkeeping (Accounting)	VC	3	2	67%	2	0	0	(0)	2	100%
Correctional Probation Officer	VC	0	0	0%	0	0	0	(0)	0	0%
Data Entry	VC	9	8	89%	8	0	0	(0)	8	100%
Early Childhood Education InfantToddle	VC	0	0	0%	0	0	0	(0)	0	0%
Early Childhood Education (Pre-school)	VC	0	0	0%	0	0	0	(0)	0	0%
Fashion Design for Industry	VC	1	0	0%	0	0	0	(0)	0	0%
Fashion Marketing (Academy of)	VC	0	0	0%	0	0	0	(0)	0	0%
General Office Clerk	VC	6	3	50%	2	0	1	(0)	3	100%
Occupational Safety & Health Tech	VC	1	1	100%	0	1	0	(0)	0	0%
Office Support Technology	VC	1	1	100%	1	0	0	(0)	1	100%
Optometric Assisting	VC	0	0	0%	0	0	0	(0)	0	0%
Printing and Graphic Arts	VC	0	0	0%	0	0	0	(0)	0	0%
Public Administration Supervision	VC	0	0	0%	0	0	0	(0)	0	0%
Respiratory Care Technician	VC	0	0	0%	0	0	0	(0)	0	0%
Secretarial Services	VC	1	1	100%	1	0	0	(1)	1	100%
Travel Agency Operations	VC	0	0	0%	0	0	0	(0)	0	0%
Word Processing	VC	15	11	73%	4	1	6	(0)	10	91%
V.C. Total		***37***	***27***	***73%***	***18***	***2***	***7***	***(1)***	***25***	***93%***
RETIRED TOTAL		**45**	**33**	**73%**	**22**	**3**	**8**	**(1)**	**30**	**91%**
A.S. TOTAL		***1,152***	***1,046***	***91%***	***890***	***57***	***99***	***(65)***	***989***	***95%***
V.C. TOTAL		***781***	***714***	***91%***	***619***	***38***	***57***	***(13)***	***676***	***95%***
C.C. TOTAL		***71***	***70***	***99%***	***70***	***0***	***0***	***(0)***	***70***	***100%***
ACTIVE TOTAL		**2,004**	**1,830**	**91%**	**1,579**	**95**	**156**	**(78)**	**1,735**	**95%**
GRAND TOTAL		**2,049**	**1,863**	**91%**	**1,601**	**98**	**164**	**(79)**	**1,765**	**95%**

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